

What is claimed is:

1. A stator fastening structure of a reciprocating motor, comprising:  
a frame which includes an outer core fixing member, to which an outer  
5 core is fixed, and an inner core fixing member, to which an inner core is fixed,  
wherein

the outer core fixing member of the frame and the inner core fixing  
member of the frame are formed of different material from each other.

10 2. The stator fastening structure of claim 1, wherein the outer core  
fixing member of the frame is formed of a magnetic material and the inner core  
fixing member is formed of a non-magnetic material.

15 3. The stator fastening structure of claim 1, wherein the outer core  
fixing member of the frame is formed of a non-magnetic material and the inner  
core fixing member is formed of a magnetic material.